



# TECHNICAL DATA SHEET

**CODE:**  
**01A.2400.VBG.0**  
 Rev.00 Pg.1/1  
 Date 11/05/2015

## WATER COOLED AFTERCOOLER

**MODEL:**

AV 400

**Installation method**

Vertical

Rated capacity\*


<b>Air flow rate</b>	m <sup>3</sup> /h	2400		
	l/min	40000		
	cfm	1412,6		
<b>Working pressure - Air side</b>	bar / psi	7,0 / 101,5	(Max 12)	
<b>Pressure drop</b>	bar / psi	0,150 / 2,2		
<b>Air inlet temperature</b>	°C / °F	120 / 248	(Max 120 / 248)	
<b>Water inlet temperature</b>	°C / °F	15 / 59	(Max 40 / 104)	
<b>Air outlet temperature</b>	°C / °F	34 / 93	(Max 66 / 151)	
<b>Water consumption</b>	m <sup>3</sup> /h	5,20		
	l/min	86,67		
	cfm	3,061		
<b>Working pressure - Water side</b>	bar / psi	3,0 / 43,5	(Max 7 / 102)	
<b>Air connections</b>	IN	DN 150		
	OUT	DN 125		
<b>Water connections</b>	IN / OUT	1-1/4" BSP		
<b>Condensate outlet</b>	G	1" BSP		
<b>Dimensions</b>	A	1300 mm	B	62 mm
	A1	100 mm	C	702 mm
	A2	1200 mm	D	168 mm
	E	740 mm	H	2290 mm
<b>Weight</b>	Kg / Lbs	94 / 207		

**Standard features**

<b>Separator type:</b>	Centrifugal	<b>Heat exchanger shell:</b>	Carbon steel
<b>Drain discharge:</b>	Manual, with tap	<b>Condensate Separator:</b>	Aluminium
<b>Heat exchanger tubes:</b>	Copper		

\* Performances refer to air suction of FAD 20°C (68°F), 1 bar (14.5 psig)

**Performances & specifications: +/- 5%**

AI	Air inlet	WI	Water inlet	 Condensate outlet
AO	Air outlet	WO	Water outlet	

